

Docket No. 3099(S)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicants: Martin Stevens SMITH, ET AL
Serial No.: 07/702,463
Filed: May 2, 1991
For: SEA SURFACE ANTENNA
Art Unit: 2202
Examiner: Theodore M. Blum

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LICENSING & REVIEW

8/10
9-15-92

J. Jones

A M E N D M E N T

Hon. Commissioner of Patents & Trademarks
Washington, D.C. 20231

Sir:

In response to the Official Letter mailed
March 13, 1992, please reconsider the application
amended as follows:

IN THE CLAIMS:

Please cancel claim 5 without prejudice or disclaimer.

Please amend claims 1 and 3 as follows:

1 1. (amended) A sea surface antenna comprising a
2 tube of metallic material, the tube having a substantially
3 longitudinal slot coupled at [or near] its midpoint to a
4 feed line, the slot being bridged by two pluralities of
5 [capacitances] varactor diodes to either side of the feed-
6 point, each plurality being distributed along a respective
7 part of the slot, the antenna being dimensioned so as to
8 operate in an evanescent mode at a resonant frequency less